

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031519\
 Data File : VW009201.D
 Acq On : 15 Mar 2019 17:48
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

Quant Time: Mar 15 23:29:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 23:26:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	479613	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	448851	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	234801	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	157398	27.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.84%
7) Chloroethane-d5	2.89	69	150020	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.48%
10) 1,1-Dichloroethene-d2	4.02	63	326207	26.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.32%
20) 2-Butanone-d5	7.07	46	89848	37.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.82%
24) Chloroform-d	7.64	84	325371	24.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	8.30	65	184472	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.60%
29) Benzene-d6	8.27	84	620873	25.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.32%
33) 1,2-Dichloropropane-d6	9.27	67	180237	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.96%
37) Toluene-d8	10.32	98	578438	25.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.08%
38) trans-1,3-Dichloropropene-	10.57	79	87773	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.04%
39) 2-Hexanone-d5	10.93	63	73777	40.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	162989	22.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	214039	23.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.08%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	180833	28.621	ug/L 92
3) Chloromethane	2.22	50	188515	28.123	ug/L 98
5) Vinyl chloride	2.37	62	220625	31.976	ug/L 99
6) Bromomethane	2.78	94	156552	27.083	ug/L 98
8) Chloroethane	2.93	64	147226	25.791	ug/L 96
9) Trichlorofluoromethane	3.26	101	125096	22.953	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	171166	27.195	ug/L 98
12) 1,1-Dichloroethene	4.04	96	176239	29.841	ug/L 82
13) Acetone	4.12	43	86538	44.521	ug/L 98
14) Carbon disulfide	4.38	76	506946	31.893	ug/L 100
15) Methyl Acetate	4.67	43	82153	21.514	ug/L 95
16) Methylene chloride	4.92	84	168399	24.077	ug/L 95
17) Methyl tert-butyl Ether	5.42	73	192578	23.045	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	174383	28.083	ug/L 99
19) 1,1-Dichloroethane	6.21	63	312700	27.619	ug/L 97
21) 2-Butanone	7.17	43	124642	46.442	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	185929	27.641	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	86699	26.873	ug/L	99
25) Chloroform	7.67	83	331144	27.929	ug/L	99
27) 1,2-Dichloroethane	8.40	62	231643	26.204	ug/L	99
30) Cyclohexane	7.95	56	294586	28.898	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	248974	27.773	ug/L	99
32) Carbon tetrachloride	8.06	117	270920	29.953	ug/L	99
34) Benzene	8.32	78	715672	29.131	ug/L	100
35) Trichloroethene	9.09	95	187271	28.607	ug/L	99
36) Methylcyclohexane	9.33	83	331665	29.284	ug/L	99
40) 1,2-Dichloropropane	9.37	63	172341	27.337	ug/L	100
41) Bromodichloromethane	9.64	83	243641	27.892	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	280243	27.293	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	255043	44.646	ug/L	99
44) Toluene	10.38	91	775659	28.877	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	238131	26.660	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	131717	26.189	ug/L	99
47) Tetrachloroethene	10.86	164	159576	28.850	ug/L	97
49) 2-Hexanone	10.97	43	192899	47.944	ug/L	98
50) Dibromochloromethane	11.13	129	166864	26.876	ug/L	95
51) 1,2-Dibromoethane	11.23	107	128887	25.279	ug/L	95
52) Chlorobenzene	11.66	112	490851	28.491	ug/L	100
53) Ethylbenzene	11.73	91	879475	29.122	ug/L	97
54) m,p-Xylene	11.84	106	334143	29.124	ug/L	97
55) o-xylene	12.16	106	319583	28.552	ug/L	99
56) Styrene	12.18	104	550294	28.815	ug/L	99
57) Isopropylbenzene	12.46	105	881109	29.386	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	169127	24.926	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	122265	24.281	ug/L	98
62) Bromoform	12.35	173	100536	25.341	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	390053	27.873	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	404956	27.990	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	364623	27.322	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	28925	22.115	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	307358	28.159	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	254688	27.779	ug/L	99
69) Naphthalene	15.37	128	483350	25.428	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	232995	27.133	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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